



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/693,514

10/21/2003

Ming Huang Huang

AAA 159

9482

7590

10/04/2004

Ming Huang Huang
Hsin Chuang
P.O. Box 4-67
Taipei, 242
TAIWAN

EXAMINER

BLACKMAN, ROCHELLE ANN J

ART UNIT

PAPER NUMBER

2851

DATE MAILED: 10/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/693,514

Applicant(s)

HUANG, MING HUANG

Examiner

Rochelle Blackman

Art Unit

2851

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 October 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3 and 6 are rejected under 35 U.S.C. 102(b) as being anticipated by Hanson et al. (U.S. Patent No. 4,104,706).

Hanson discloses a projector light device (Figs. 1-6) comprising: a housing (17, 36, 37) including a supporting panel (see inside 37) provided therein, a board (42) attached to said panel, a plurality of light members (see 22-25 and 27-30, 22', 23', 29', 30' – not all are referenced in Figs. 41, and 52) attached to said board for generating lights, and a plate (36) disposed in front of said board, and including at least one lens (see col. 4, lines 42-45) provided therein and arranged in front of said light members, for concentrating the light generated by said light members, and for increasing projecting distances of the lights generated by said light members; wherein each of said light members includes a seat (see 22', 23', 29', 30' – not all are referenced in Figs. 41, and 52) having an orifice formed therein, and a light element (22-25 and 27-30) received in said orifice of said seat (see Fig. 1); wherein each of said light members includes at least one pair of conductors (22a, 22b, 24a, 29a, 29b – not all are referenced in Figs.)

extended therefrom; further comprising a camera (see col. 3, lines 31-35) attached to said housing.

2. Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Cano (U.S. Patent No. 4,719,545).

Cano discloses a projector light device (Figs. 1-7) comprising: a housing (see 11 and 13) including a supporting panel provided therein, a board (32) attached to said panel, a plurality of light members (23-26) attached to said board for generating lights, and a plate (12) disposed in front of said board, and including at least one lens provided therein and arranged in front of said light members, for concentrating the light generated by said light members, and for increasing projecting distances of the lights generated by said light members; wherein each of said light members includes a seat (34) having an orifice (see area inside or between element 35) formed therein, and a light element (28) received in said orifice of said seat; wherein each of said light members includes at least one pair of conductors (37) extended therefrom; further comprising a cover (22) disposed in front of said plate, and including a transparent sheet provided therein, and arranged in front of said light members, for shielding and protecting said light members, and for allowing the light generated by said light members to emit out through said transparent sheet of said cover.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

Art Unit: 2851

applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1 and 3 are rejected under 35 U.S.C. 102(e) as being anticipated by Miyazaki (U.S. Patent Application Publication No. 2004/0052087).

Miyazaki discloses a projector light device (Figs. 1-10) comprising: a housing (10, 14, 101)) including a supporting panel (see 10) provided therein, a board (15) attached to said panel, a plurality of light members (see 20, 21) attached to said board for generating lights, and a plate (14) disposed in front of said board, and including at least one lens (see col. 4, lines 42-45) provided therein and arranged in front of said light members, for concentrating the light generated by said light members, and for increasing projecting distances of the lights generated by said light members; wherein each of said light members includes at least one pair of conductors (see wire extending from 20 into 15 in FIG. 2B and 4B) extended therefrom.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Cano (U.S. Patent No. 4,719,545) in view of Winnett et al. (U.S. Patent No. 6,247,830).

Art Unit: 2851

Cano discloses the claimed invention except for a hood attached to shield said housing.

Winnett discloses a light fixture comprising reflective hood 32 disposed above lamp 3 that reflects light from lamp 3 downwards toward the ground.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the projector light device of the Cano reference with a reflective hood disposed above the light members of the Cano reference, as taught by Winnett in order to reflect light from the light members downwards toward the ground.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rochelle Blackman whose telephone number is (571) 272-2113. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2851

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RB


JUDY NGUYEN
PRIMARY EXAMINER